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**Inverse Trigonometric Functions**

**Find each value. Write angle measures in degrees and radians.**

1. http://glencoe.com/sites/common_assets/mathematics/alg2_2010/worksheets/html/gln_ma_a2crmch13/gln_ma_a2crmch13_55/images/pg55_001.jpg
2. http://glencoe.com/sites/common_assets/mathematics/alg2_2010/worksheets/html/gln_ma_a2crmch13/gln_ma_a2crmch13_55/images/pg55_002.jpg
3. http://glencoe.com/sites/common_assets/mathematics/alg2_2010/worksheets/html/gln_ma_a2crmch13/gln_ma_a2crmch13_55/images/pg55_003.jpg
4. http://glencoe.com/sites/common_assets/mathematics/alg2_2010/worksheets/html/gln_ma_a2crmch13/gln_ma_a2crmch13_55/images/pg55_004.jpg
5. http://glencoe.com/sites/common_assets/mathematics/alg2_2010/worksheets/html/gln_ma_a2crmch13/gln_ma_a2crmch13_55/images/pg55_005.jpg
6. Arcsin 1

**Find each value. Round to the nearest hundredth of necessary.**

1. sin (Cos-1 1)
2. http://glencoe.com/sites/common_assets/mathematics/alg2_2010/worksheets/html/gln_ma_a2crmch13/gln_ma_a2crmch13_55/images/pg55_006.jpg
3. http://glencoe.com/sites/common_assets/mathematics/alg2_2010/worksheets/html/gln_ma_a2crmch13/gln_ma_a2crmch13_55/images/pg55_007.jpg
4. cos (Tan-1 3)
5. sin [Arctan (-1)]
6. http://glencoe.com/sites/common_assets/mathematics/alg2_2010/worksheets/html/gln_ma_a2crmch13/gln_ma_a2crmch13_55/images/pg55_008.jpg

**Solve each equation. Round to the nearest tenth if necessary.**

1. cos *θ* = 0.25
2. sin *θ* = -0.57
3. tan *θ* = 5
4. con *θ* = 0.11
5. sin *θ* = 0.9
6. tan *θ* = -11.35
7. sin *θ* = 1
8. tan *θ* = -0.01
9. cos *θ* = -0.36
10. tan *θ* = - 16.6